## ABSTRACT

Mechanisms for associating metadata with network resources, and for locating and communicating with the network resources are disclosed. Owners of network resources define metadata that describes each network resource. The metadata includes a telephone number related
5   to the network resource, its location, its language, its region or intended audience, and other descriptive information. The owners register the metadata in a registry. To locate a selected network resource, a client provides the telephone number to a resolver process. The resolver process provides to the client the network resource location corresponding to the telephone number. Accordingly, network resources can be located and communications with the resource can
10   proceed merely by providing the telephone number associated with the network resource.